

FOURTH
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
 (use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/550,595
Filing Date	June 22, 2006
First Named Inventor	Takahiro Nagaoka et al.
Examiner Name	Teresa Bonk
Attorney Docket No.	1033010-000107

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	US-5,874,816	02-23-1999	Ishii	
	US-5,938,196	08-17-1999	Antoja	
	US-5,990,919	11-23-1999	Bobb et al.	
	US-7,147,179	12-12-2006	Nakagawa et al.	
	US-2009/0126824 A1	05-21-2009	Nakagawa et al.	
US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document Country Code ¹ , Number, Kind Code	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS						
				Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec. / Pg. No(s).
	EP 0 822 303 A1	02-04-1998	Max Co Ltd							
	JP 06-190482 A	07-12-1994	Times Eng KK					X		
	JP 06-226386 A	08-16-1994	Times Eng KK					X		
	JP 09-076543 A	03-25-1997	Hitachi Ltd					X		
	JP 10-045105 A	02-17-1998	Max Co Ltd					X		
	JP 10-249469 A	09-22-1998	Chugai Electric Ind Co Ltd					X		
	JP 11-104777 A	04-20-1999	Max Co Ltd					X		
	JP 11-156748 A	06-15-1999	Max Co Ltd					X		
	JP 2002-225813 A	08-14-2002	San Homu KK					X		
	SU 1687673	10-30-1991	Zhlobinskoe Proizv OB Iskusstv							

¹Enter Office that issued the document, by the two-letter code.**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Non-Final Office Action in Copending Application No. 12/269,283 to Yasushi Nakagawa et al. dated April 27, 2009.

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.